

Figure
1a

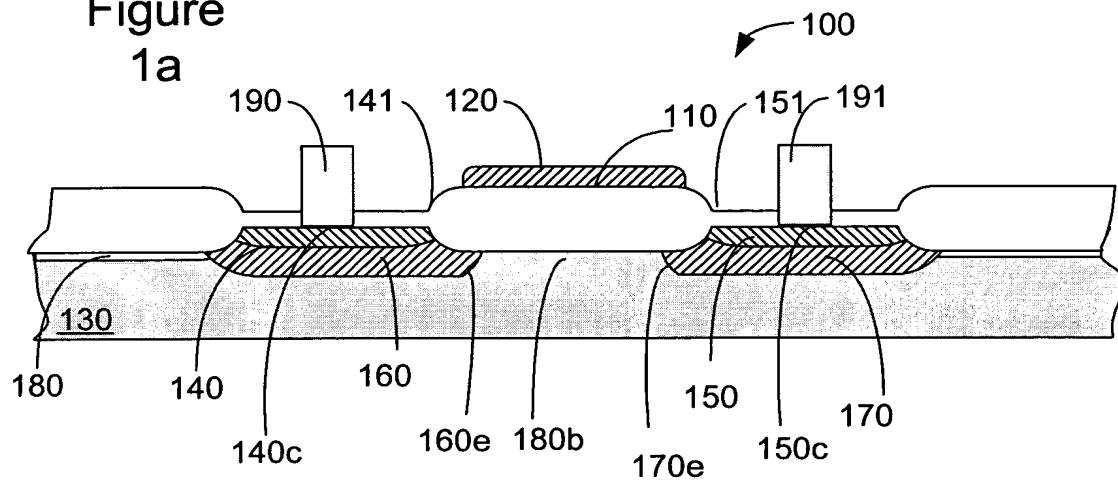
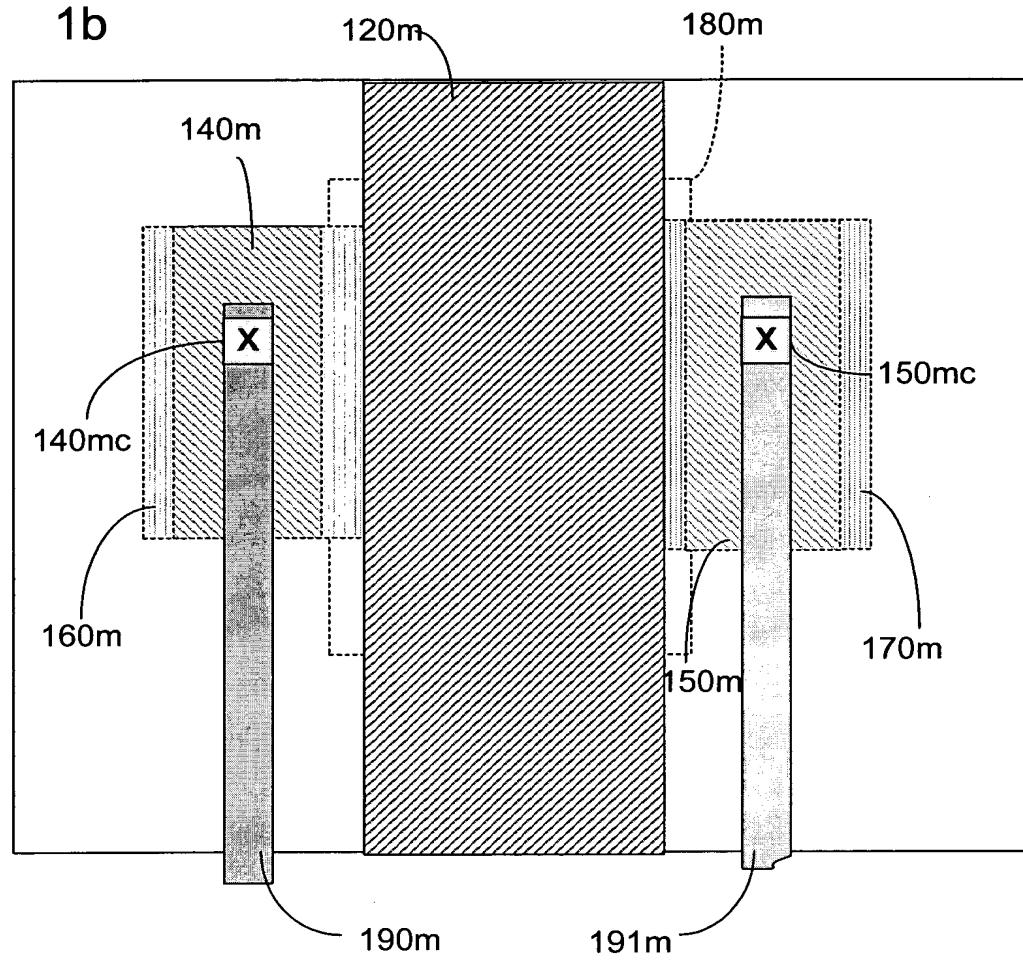


Figure
1b



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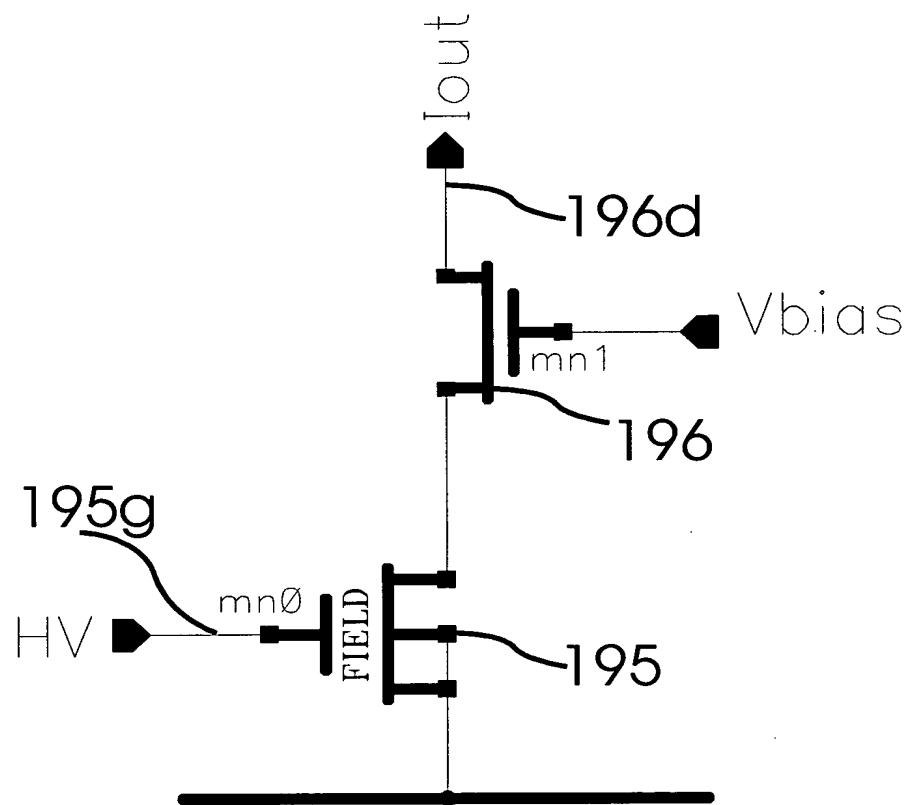


Figure 2a

Sheet 3 of 12
Title: HIGH VOLTAGE INTEGRATED CIRCUIT AMPLIFIER
Applicant: Mark A. Lemkin Docket: AIMI-01841US0
Appl. No.: Unknown Atty: Larry E. Vierra
Filing Date: August 31, 2001 Phone: (415) 369-9660
Express Mail No.: EL 901 895 821 US

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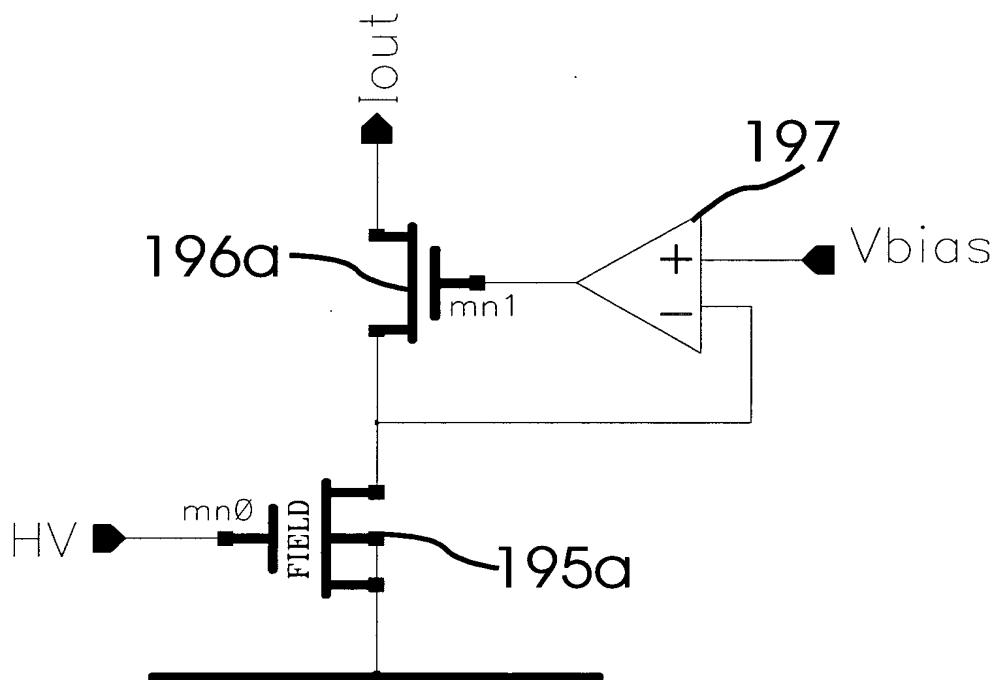
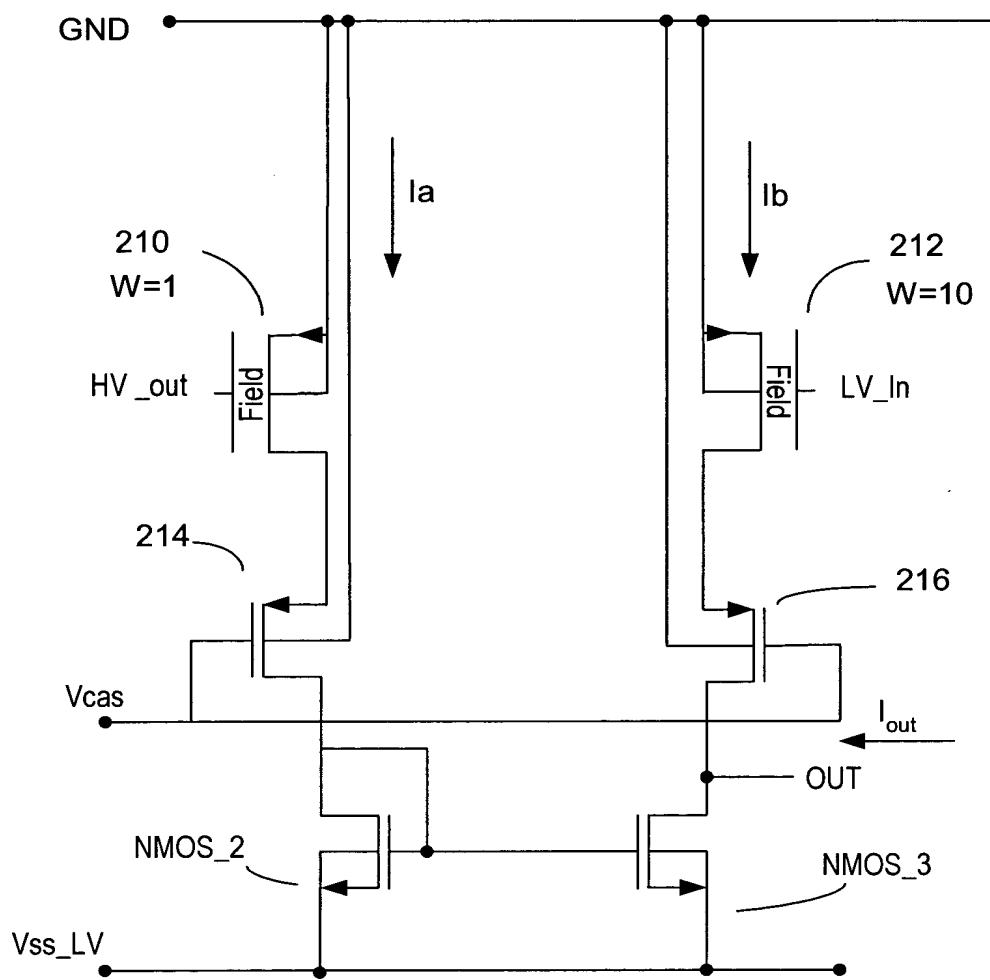


Figure 2b

Sheet 4 of 12
Title: HIGH VOLTAGE INTEGRATED CIRCUIT AMPLIFIER
Applicant: Mark A. Lemkin Docket: AIMI-01841US0
Appl. No.: Unknown Atty: Larry E. Vierra
Filing Date: August 31, 2001 Phone: (415) 369-9660
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FIGURE 3

200



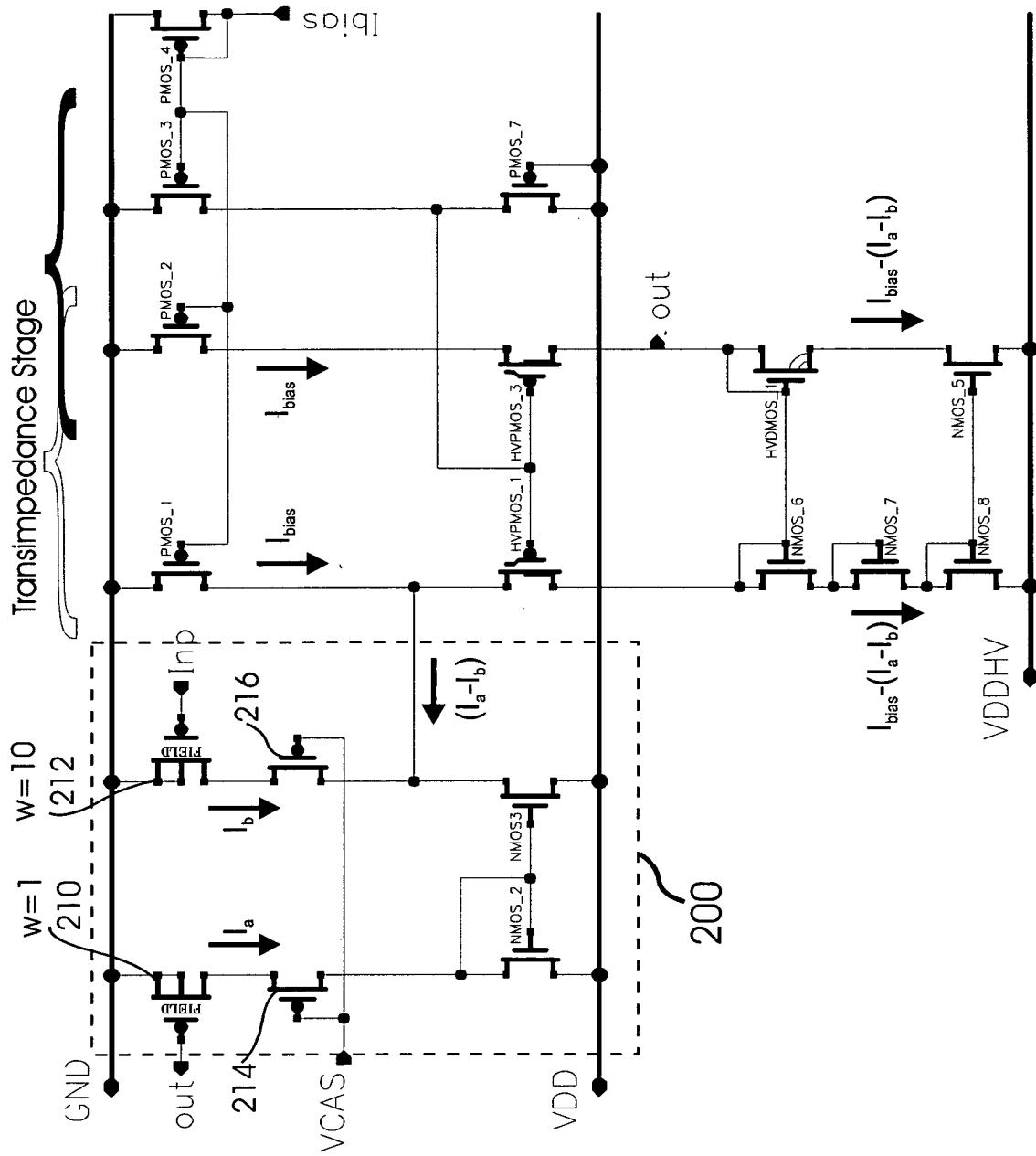
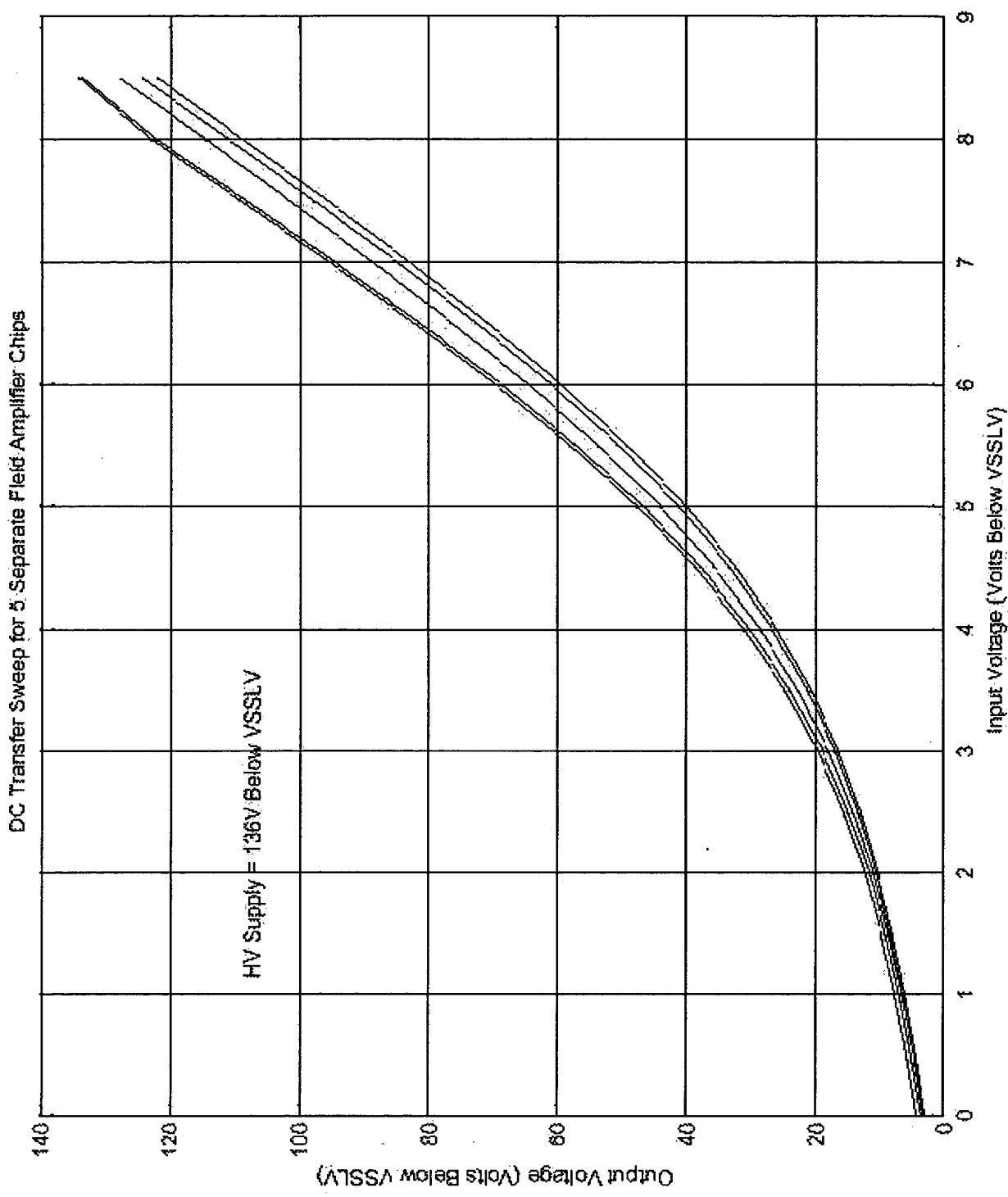


Figure 4a



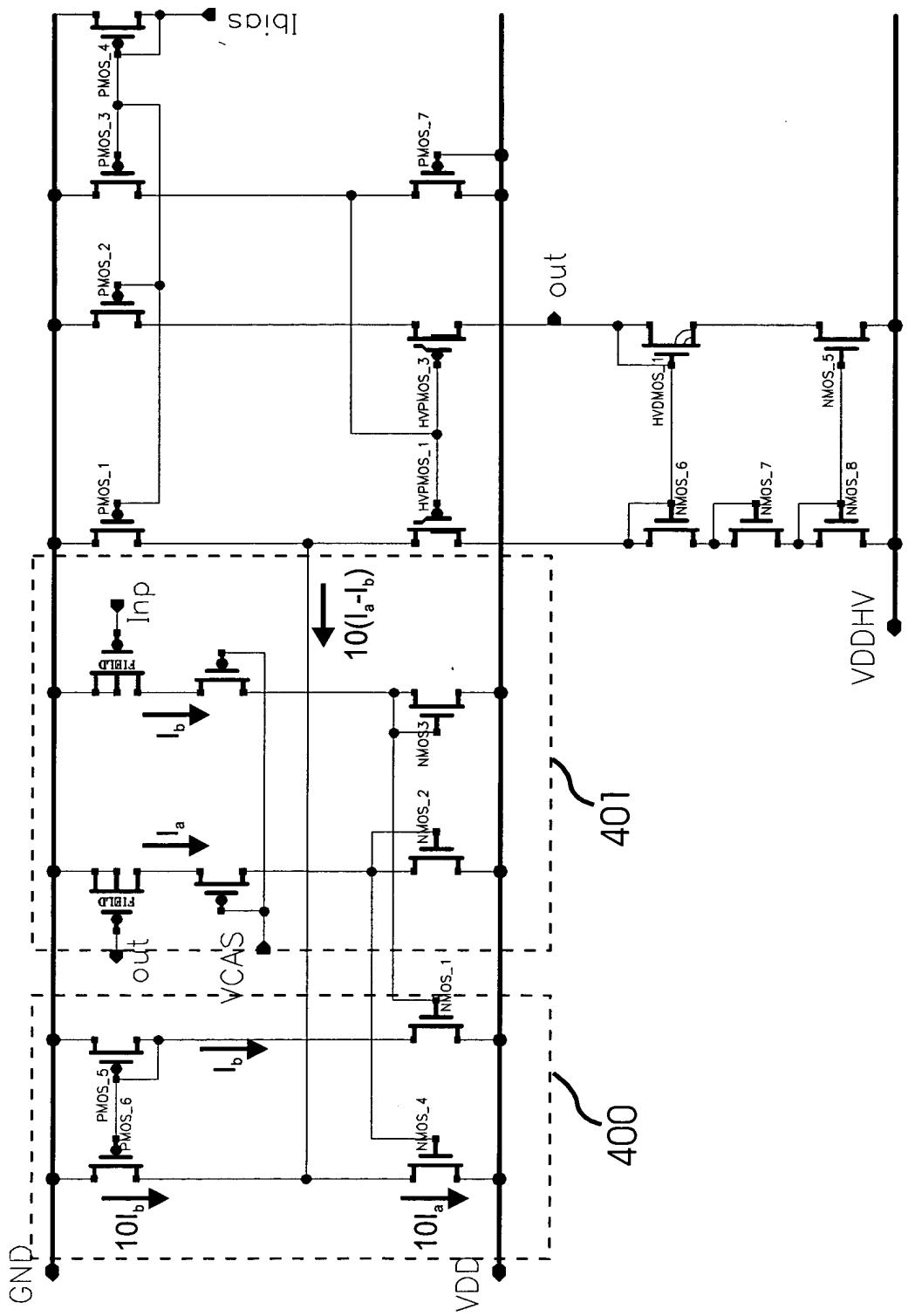


Figure 5

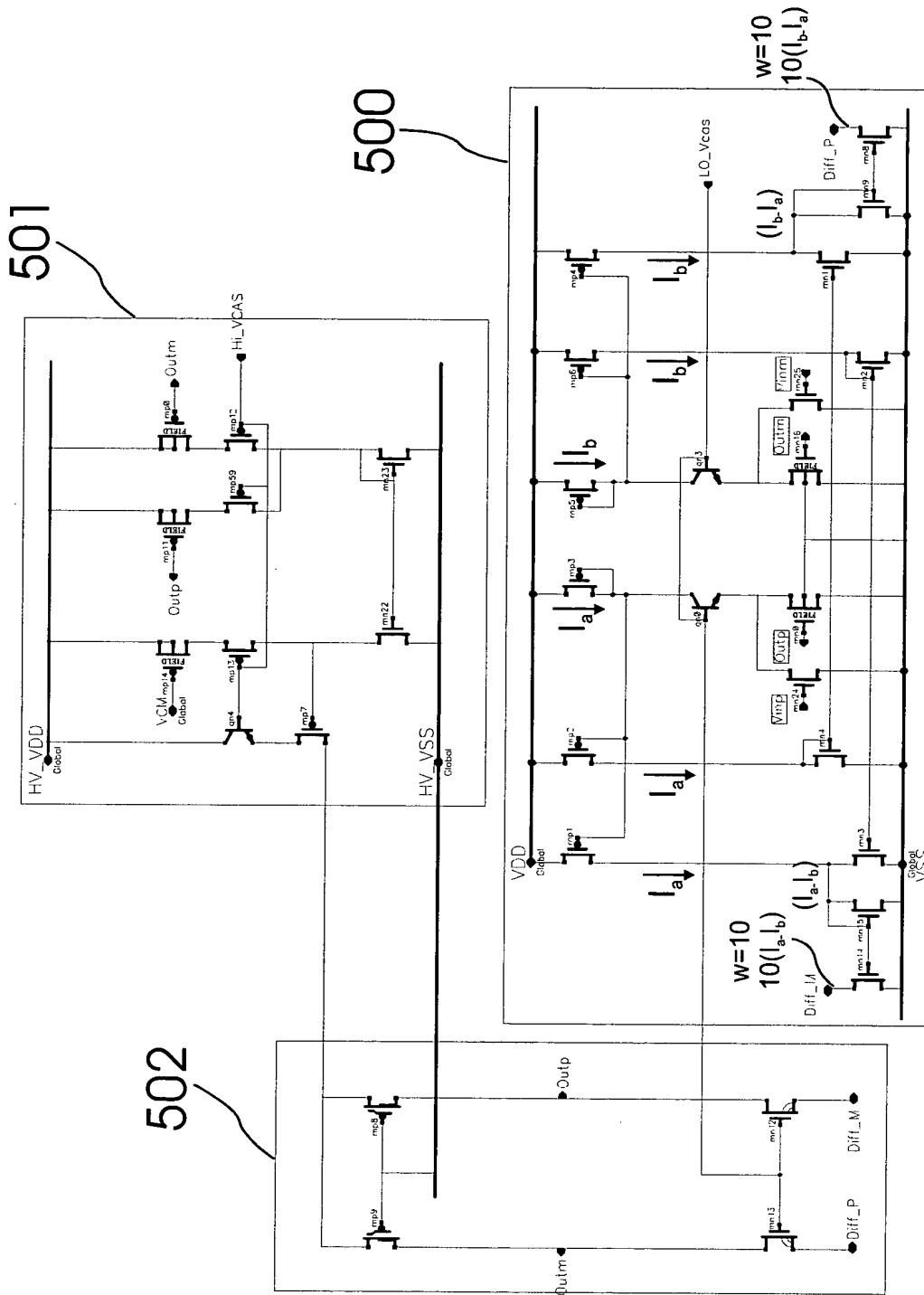
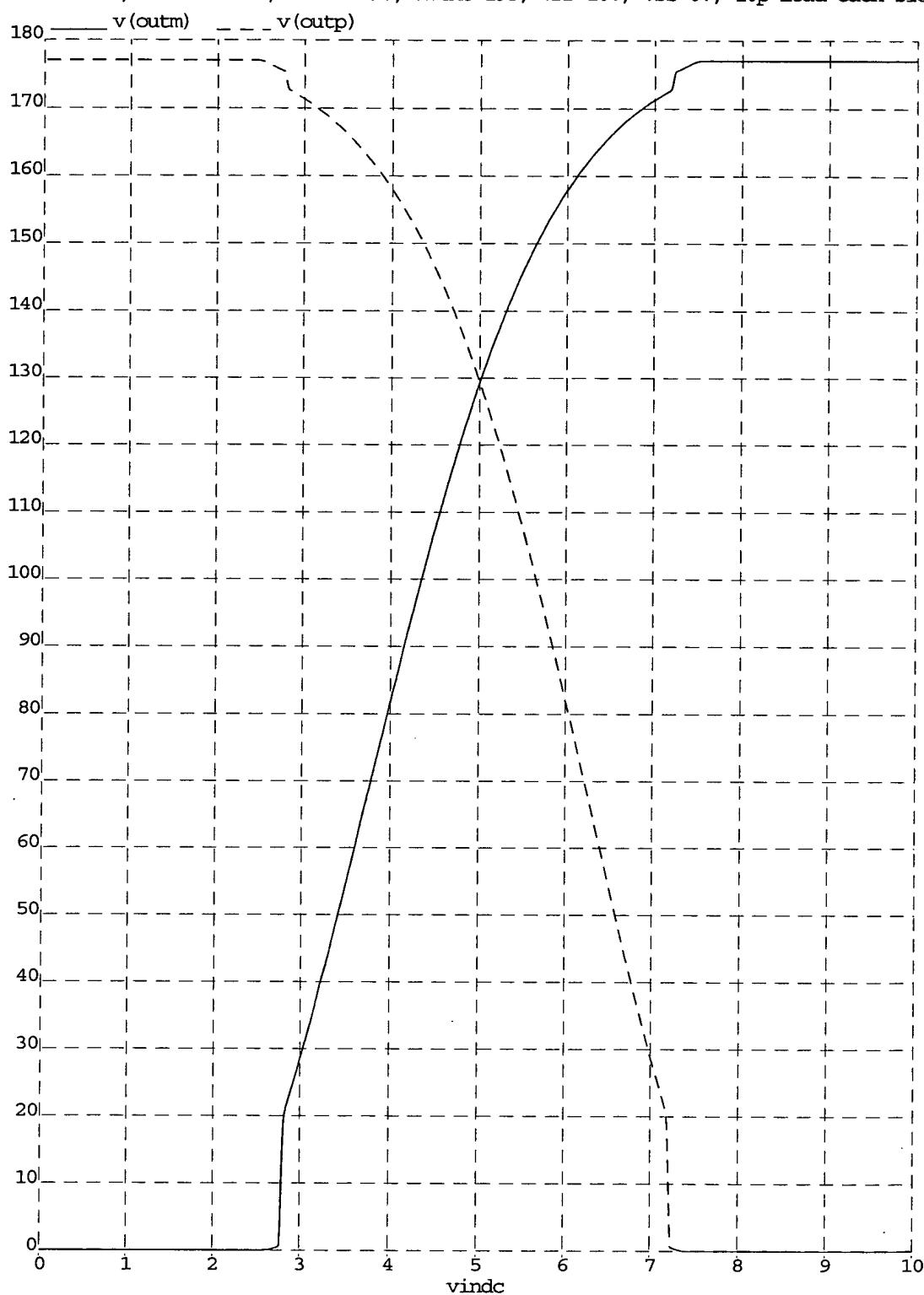


Figure 6

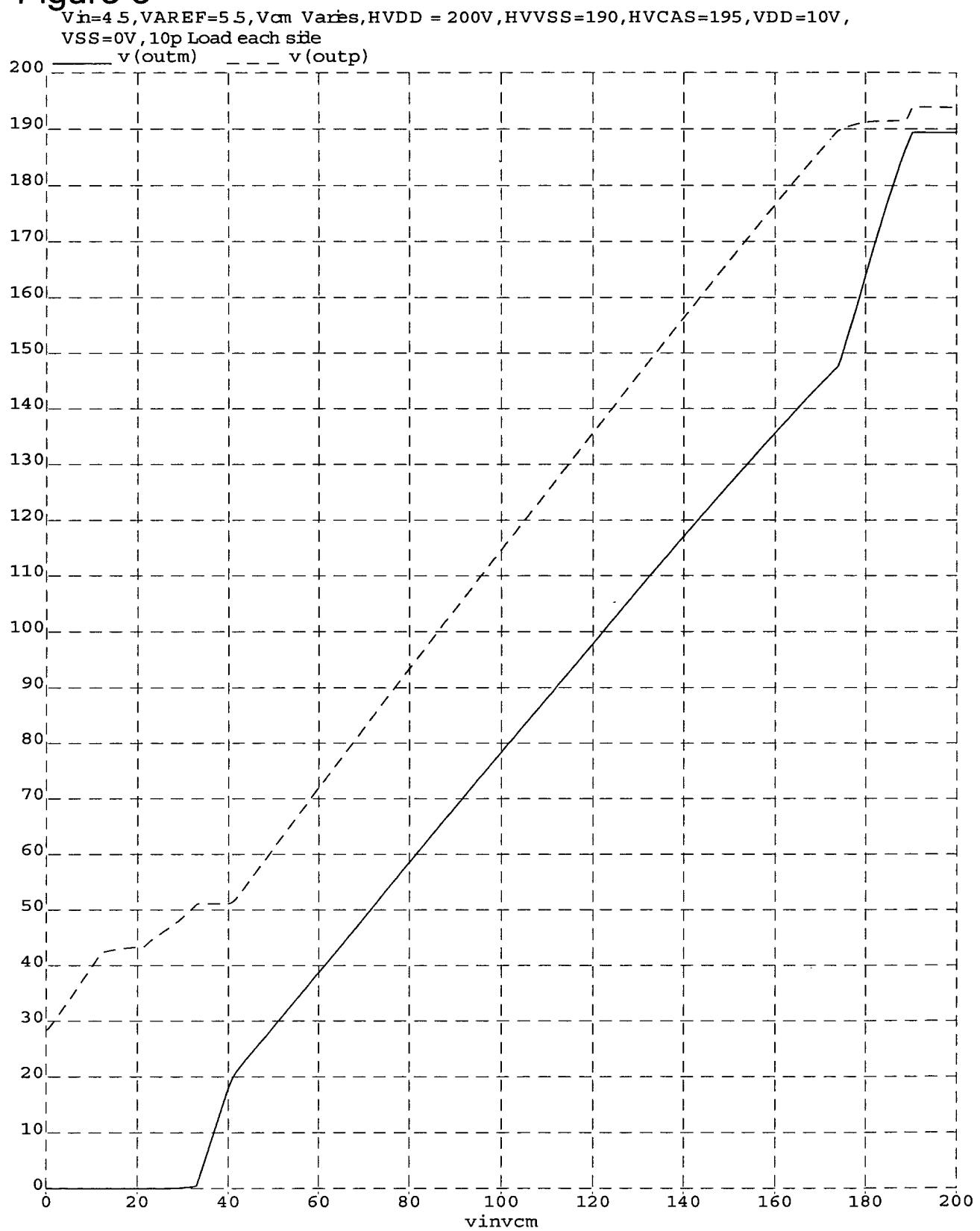
Figure 7

$V_{CM} = 130$, $HVDD = 200V$, $HVVSS=190$, $HVCAS=195$, $VDD=10V$, $VSS=0V$, $10p$ Load each side



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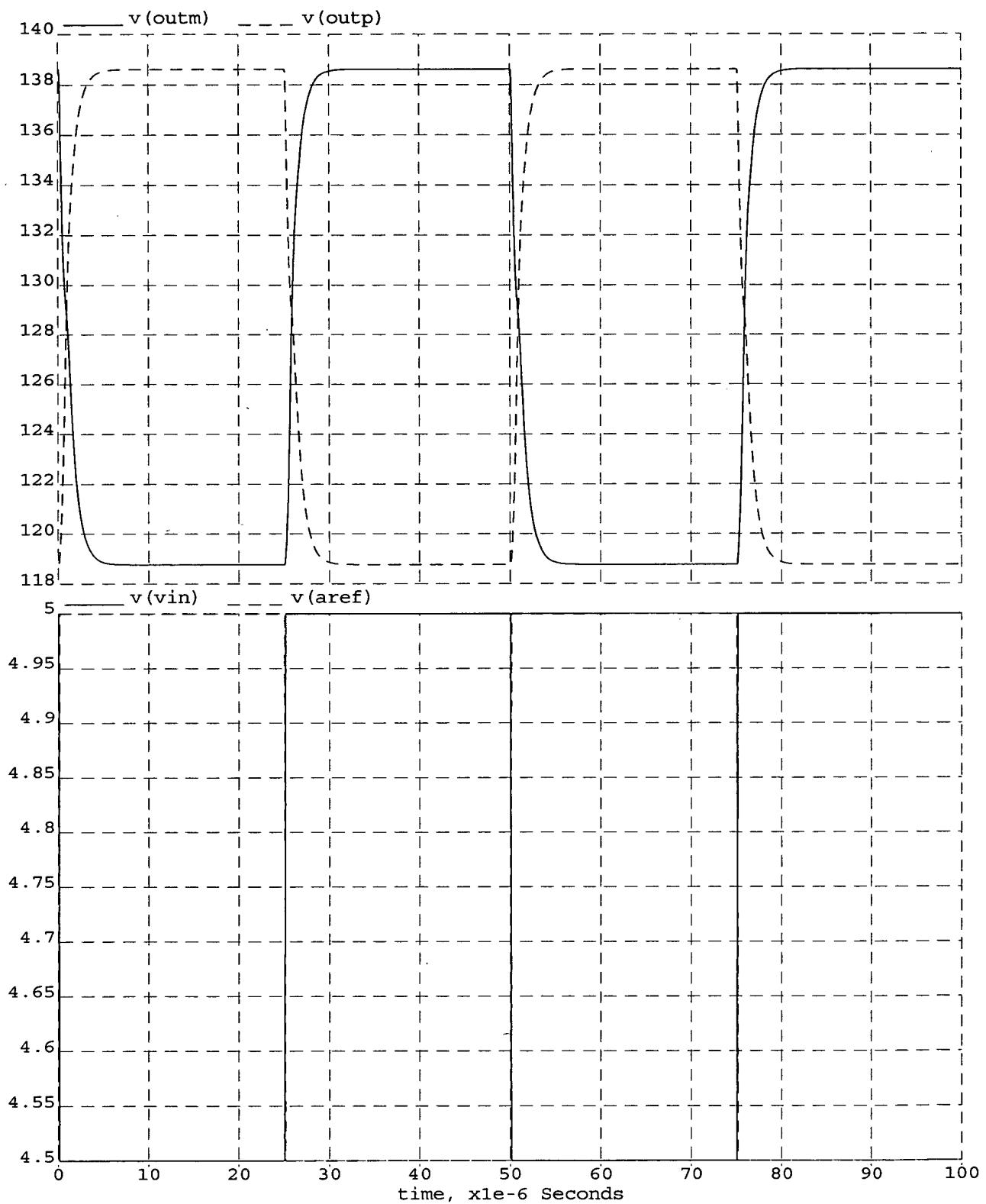
Figure 8



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Figure 9

$V_{CM} = 130$, $HVDD = 200V$, $HVVSS = 190$, $HVCAS = 195$, $VDD = 10V$, $VSS = 0V$,
10p Load each side



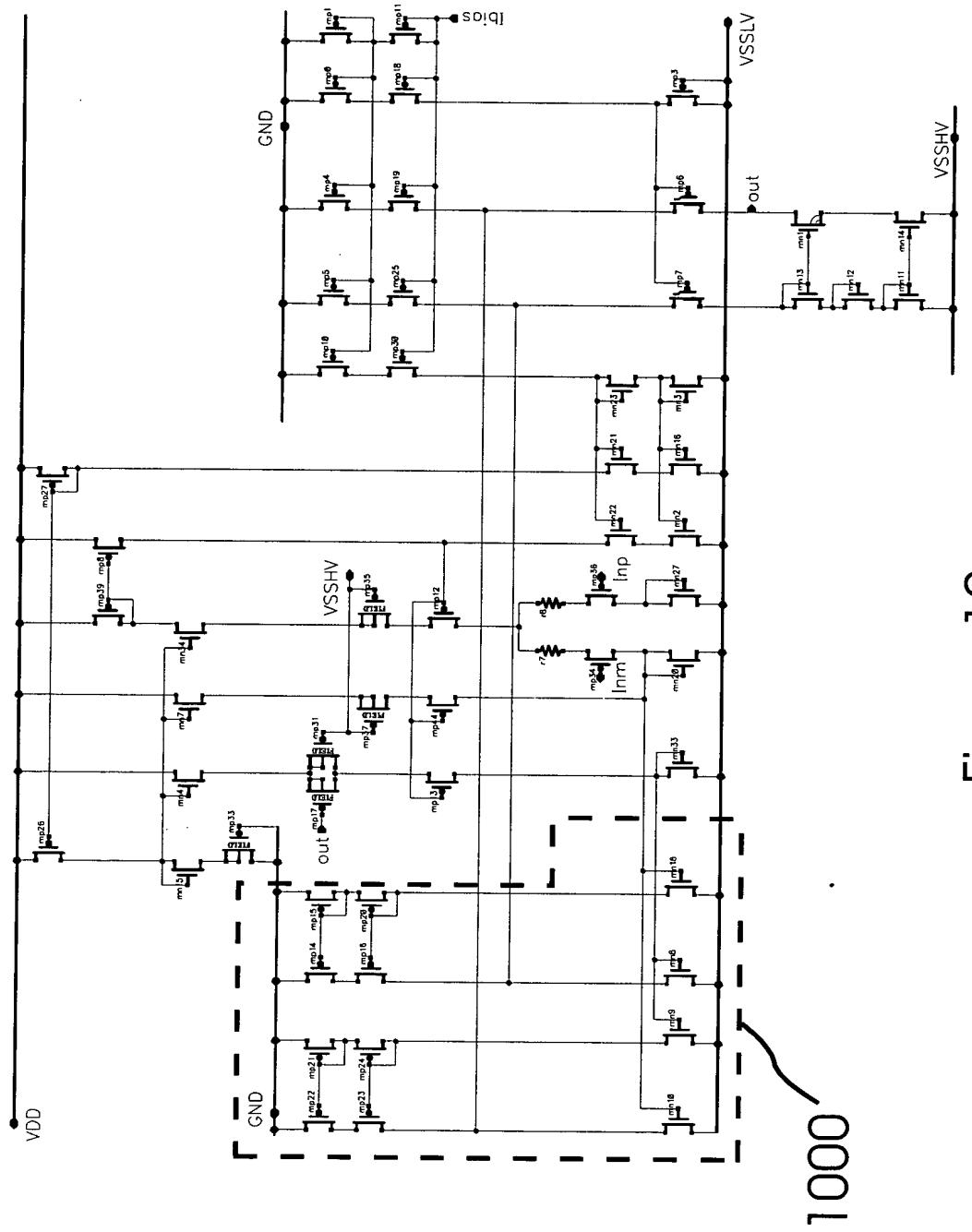


Figure 10